

CoFC

US Patent No. 7,161,925  
Attorney Ref. 915-004.006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Of

**J. WALLENIOUS et al.**

Patent No. **7,161,925** : Application No. **10/091,224**  
Issue Date: **January 09, 2007** : Filing Date: **March 01, 2002**

Commissioner for Patents  
ATTENTION: Certificate of Corrections Branch  
P.O. Box 1450  
Alexandria, VA 22313-1450

**Certificate**

**MAR 05 2009**

**of Correction**

**REQUEST FOR CORRECTED PATENT**

Sir:

Please correct the above-referenced US patent according to the Rule 312  
Amendment which was filed electronically in the USPTO on December 20, 2006. A copy of  
the Rule 312 Amendment is enclosed for your convenience.

Respectfully submitted,

Francis J. Maguire  
Registration No. 31,391  
Attorney for Patentee  
Telephone: 203-261-1234

Date: 26 February 2009

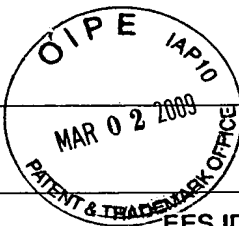
Ware, Fressola, Van Der Sluys  
& Adolphson LLP  
Bldg. 5, 755 Main St., PO Box 224  
Monroe, CT 06468  
USPTO Customer No. 004955

The foregoing is being deposited on the date below with the United States Postal Service  
in an envelope with sufficient postage as first-class mail addressed to the Commissioner  
for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Annemarie Maher

26 February 2009  
Date

**MAR - 5 2009**



## Electronic Acknowledgement Receipt

EFS ID:	1389776
Application Number:	10091224
International Application Number:	
Confirmation Number:	6983
Title of Invention:	MEHTOD FOR CALL CONTROL IN INTELLIGENT NETWORKS
First Named Inventor/Applicant Name:	Jukka Wallenius
Correspondence Address:	WARE, FRESSOLA, VAN DER SLUYS & ADOLPHSON LLP Bradford Green, Building 5 755 Main Street, PO Box 224 Monroe CT 06468 US 2032611234
Filer:	Francis Maguire
Filer Authorized By:	
Attorney Docket Number:	915-004.006
Receipt Date:	20-DEC-2006
Filing Date:	01-MAR-2002
Time Stamp:	16:49:52
Application Type:	Utility

### Payment information:

Submitted with Payment	no
------------------------	----

### File Listing:

MAR - 5 2009  
MAR - 5 2

Document Number	Document Description	File Name	File Size(Bytes)	Multi Part /.zip	Pages (if appl.)
1	Amendment after Notice of Allowance (Rule 312)	312Amendment.pdf	246309	no	8

**Warnings:**

**Information:**

<b>Total Files Size (in bytes):</b>	246309
-------------------------------------	--------

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

**New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

MAR - 5 2009



DOCKET: 915-004.6  
USSN: 10/091.224

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re Application of :  
**Jukka WALLENIOUS** :  
Serial No.: **10/091,224** : Examiner: **Jamal A. Fox**  
Filed: **March 1, 2002** : Group Art Unit: **2664**  
For: **METHOD FOR CALL CONTROL IN INTELLIGENT NETWORKS**

Mail Stop Issue Fee  
Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RULE 312 AMENDMENT AFTER ALLOWANCE**

Sir:

This Amendment is filed further to the Examiner's Amendment attached to the Notice of Allowability mailed September 21, 2006.

**MAR - 5 2009**

## IN THE CLAIMS

Please amend the claims as follows:

- ✓ 1. (Currently Amended) A method for call control by a called terminal device [(MS-B)] receiving a call via a communication network for intelligent network [(IN-NW)] services, said network [(IN-NW)] comprising
- a service control device and a server device [(WAP-SERVER)] communicating with each other via an interface [(WAP-I/F)],
  - said service control device being connected to at least one service switching device establishing communication via at least one radio access network [(RAN, BSS)] with said terminal device [(MS)], and
  - said terminal device [(MS)] being provided with a browsing means browser adapted to communicate with a user of said terminal device via a man machine interface ~~means~~ [(MMI)], and adapted to communicate with said server device,
- the method comprising ~~the steps of~~:
- receiving [(S22)] an incoming call at said service switching device,
  - triggering [(S23)] a presentation service at said service control device;
  - if triggered, retrieving [(S24-S26)] information identifying a calling user of a terminal device [(MS-A)] from an external server;
  - providing [(S27-S29)] said information identifying said calling user of a terminal device [(MS-A)] to said called terminal device [(MS-B)];
  - presenting [(S30a)] said information identifying said calling user of a terminal device [(MS-A)] at the browser ~~a browsing means~~ of said man machine interface of said terminal device;
  - collecting [(S31)] a user input via said man machine interface [(MMI)] in response to said presentation,
  - providing [(B32)] information on said collected user input to said service control device, and
  - controlling [(S33, S34)] said received call by said service control device according to said collected user input.

- ✓ 2. (Previously Presented) A method according to claim 1, wherein  
said presenting step involves the retrieval of at least part of the information  
identifying a calling user of a terminal device [(MS-A)] from at least one server  
containing said information.
- ✓ 3. (Currently Amended) A method according to claim 2, wherein  
said browser ~~means~~-uses an application programming interface to said terminal  
device.
- ✓ 4. (Previously Presented) A method according to claim 1, wherein  
said information identifying a calling user of a terminal device [(MS-A)] is a calling  
line identification information [(CLIP)].
- ✓ 5. (Previously Presented) A method according to claim 1, wherein  
said information identifying a calling user of a terminal device [(MS-A)] is a calling  
name identification information [(CNAP)] .
- ✓ 6. (Currently Amended) A method according to claim 2, wherein  
said server is adapted to access a data base connected to said service control point,  
which data base contains said information identifying a calling user of a terminal  
device [(MS-A)].
- ✓ 7. (Previously Presented) A method according to claim 6, wherein  
said information contained in said database comprises at least one of the following  
information items: a name of a subscriber to said calling terminal device, a photo of  
the subscriber to said calling terminal device, and a web page address of said  
subscriber.
- ✓ 8. (Currently Amended) A method according to claim 1, wherein  
said triggering step comprises ~~the steps of~~

receiving a call establishment at said service switching device; and  
performing an inquiry to said service control device.

9. (Currently Amended) A method according to claim 1, wherein  
said triggering is effected by said service control device[(WAP-SERVER)], said  
server device, or said ~~browsing means~~browser.

10. (Previously Presented) A method according to claim 1, wherein  
said controlling comprises one of the following control actions: accepting, rejecting,  
diverting to voice mail of the call.

11. (Currently Amended) A method according to claim 1, wherein  
said information identifying the calling user of the terminal is a URL uniform  
resource locator.

12. (Currently Amended) A method according to claim 11, wherein  
said URL uniform resource locator is communicated in a user-to-user  
signaling.

13. (Currently Amended) A method according to claim 11, wherein  
said URL uniform resource locator is inquired from a service control device  
of a calling party operator using a calling party number.

14. (Currently Amended) A method according to claim 11, wherein  
said URL uniform resource locator is determined according to a calling party  
number comprising at least a network operator prefix and a subscriber extension.

15. (Currently Amended) A method according to claim 11, wherein  
said calling user determines ~~in a determination step~~ whether, and, if yes,  
which URL uniform resource locator is to be presented to the ~~browsing  
means~~browser.

16. (Currently Amended) A method according to claim 11, wherein  
said ~~URL-uniform resource locator~~ is determined based on a called user  
number comprising at least a network operator prefix, a subscriber extension and an  
additional content included as a content selector.

17. (Currently Amended) A method according to claim 11, wherein  
a content addressed by said ~~URL-uniform resource locator~~ contains call  
control macro instructions which are expandable into executable content methods in  
a proxy server device or a ~~WAP-wireless application protocol~~ server device  
retrieving the ~~URL-uniform resource locator~~.

18. (Currently Amended) A method according to claim 17, wherein  
said proxy server or said ~~WAP-wireless application protocol~~ server include a  
call control related part to calling user specified content.

19. (Currently Amended) A method according to claim 7, wherein  
said name of the subscriber to said calling terminal device [(MS-A)] is  
inquired from the ~~browsing-means-browser~~ via a ~~USSD-supplementary services~~  
request issued by the ~~browsing-means-browser~~.

20. (Currently Amended) A method according to claim 1, wherein  
said presenting ~~step~~ comprises ~~the step~~ of:  
generating a content containing said information identifying said calling user  
in said terminal device or browser ~~means~~.

21. (Currently Amended) A method according to claim 1, wherein said presenting  
~~step~~ comprises the following ~~steps~~:  
generating a content containing said information identifying said calling  
user, and



pushing the content comprising said information identifying said calling user to the called terminal device [(MS-B)].

22. (Previously Presented) A method according to claim 21, wherein said generating is performed in said server device or said service control means.

23. (Currently Amended) A method according to claim 21, wherein said pushing is performed using ~~WTA~~ a wireless telephony application service indication mechanism and content retrieval following it.

24. (Currently Amended) A method according to claim 21, wherein said pushing is performed using ~~WAP~~ a wireless application protocol content push mechanism.

25. (Currently Amended) A method according to claim 20, wherein said generating step comprises the following ~~steps~~:

composing at least one address to said information identifying said calling user,  
retrieving at least part of said information from a server using said address.

26. (Previously Presented) A method according to claim 25, wherein said composing step involves extraction of said address from call set-up information.

27. (Currently Amended) A method according to claim 25, wherein said composing ~~step~~ involves retrieval of said address from a server providing mapping from pieces of call set-up information into addresses to said information identifying said calling user.

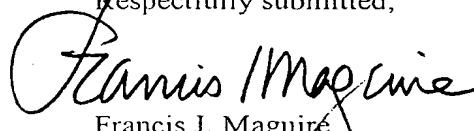
28. (Currently Amended) A method according to claim 25, wherein said composing ~~step~~ involves deduction of said address from call set-up information using syntax mapping.

29. (Previously Presented) A method according to claim 21, wherein  
said information identifying said calling user is appended with content for  
collecting said user input.
30. (Currently Amended) A method according to claim 1, wherein said identifying  
said calling user is content executable in said browser ~~means~~.
31. (Previously Presented) A method according to claim 21, wherein said  
information identifying said calling user is translated by replacing abstract macro  
instructions into call instructions for the terminal or the service control device.
32. (Currently Amended) A method according to claim 21, wherein said information  
identifying said calling user is translated from a template document into content  
executable in said browser ~~means~~ containing also call control instructions for the  
terminal or the service control device.
33. (Currently Amended) A method according to claim 27, wherein  
said address is an internet-~~URL~~ uniform resource locator.
34. (Previously Presented) A method according to claim 27, wherein  
said pieces of call set-up information include calling party number and/or content  
selector information included in a called number of the called terminal device.
35. (Previously Presented) A method according to claim 34, wherein said content  
selector is provided by the calling user by dialing a prefix to the called number.

REMARKS

It was noted that the Examiner's Amendment only removed some of the reference characters from the claims and the above amendment removes all the reference characters remaining after taking the Examiner's Amendment into account. In addition, the means-plus-function language has been removed and the "steps of" language removed. Acronyms have been cancelled and the full text substituted therefor. Entry is requested.

Respectfully submitted,

  
Francis J. Maguire  
Attorney for the Applicant  
Registration No. 31,391

FJM/lk  
Ware, Fressola, Van Der Sluys & Adolphson LLP  
755 Main Street, P.O. Box 224  
Monroe, CT 06468  
(203) 261-1234